

LONGMONT WATER BOARD AGENDA

Monday, October 20, 2014

Service Center
1100 South Sherman Street
Longmont, CO 80501

3:00 p.m. – Water/Wastewater Large Conference Room

MEETING CALLED TO ORDER

1. ROLL CALL

2. APPROVAL OF PREVIOUS MONTH'S MINUTES

- a. September 15, 2014 – Water Board Regular Meeting

3. WATER STATUS REPORT

4. PUBLIC INVITED TO BE HEARD AND SPECIAL PRESENTATIONS

5. AGENDA REVISIONS AND SUBMISSION OF DOCUMENTS

6. DEVELOPMENT ACTIVITY

7. GENERAL BUSINESS

- a. 2015 Guiding Water Principles (Staff will ask Water Board for input regarding the existing guiding water principles)
Staff Contact: Nelson Tipton 303-651-8365, nelson.tipton@ci.longmont.co.us
- b. EPA "Waters of the US" proposed rule (Staff will ask Water Board to forward a recommendation to City Council in support of a resolution requesting EPA further consult with water providers and other utilities prior to final rulemaking)
Staff Contact: Kevin Boden 303-774-4516, kevin.boden@ci.longmont.co.us

8. ITEMS FROM STAFF

- a. Windy Gap Firing Project Update (Staff will provide a verbal update to Water Board regarding this effort)
Staff Contact: Ken Huson (303)651-8340, ken.huson@ci.longmont.co.us

9. ITEMS FROM BOARD

- a. Review of Major Project Listing and Items Tentatively Scheduled for Future ` Board Meetings.

10. INFORMATIONAL ITEMS AND WATER BOARD CORRESPONDENCE

11. ITEMS TENTATIVELY SCHEDULED FOR FUTURE BOARD MEETINGS

- Cash-in-Lieu Review (March, June, September, December)

12. ADJOURN

If you need special assistance to participate in a Water Board meeting, please contact Cindy Sater at (303) 651-8817 in advance of the meeting to make arrangements.

WATER BOARD MINUTES

September 15, 2014

**Service Center Conference Room
1100 S. Sherman Street
Longmont, CO 80501**

REGULAR MEETING

The September 15, 2014 meeting of the Longmont Water Board was called to order by Chairman Bruning at 3:02 p.m. at the Service Center Water Conference Room.

1. ROLL CALL

Board Members Present: John Bruning, John Caldwell, Renee Davis, Dave Swenson and Todd Williams.

City Staff Members Present: Ken Huson, Nelson Tipton, Kevin Boden and Cindy Sater.

Council Liaison Present: Mayor Dennis L. Coombs arrived at 3:07 p.m.

2. APPROVAL OF PREVIOUS MONTH'S MINUTES

Motion was made by Board member Caldwell to approve Water Board's July 21, 2014 minutes as written; motion was seconded by Board member Swenson. Motion was passed unanimously 5-0.

3. WATER STATUS REPORT

On behalf of the Water Commissioner, staff member, Kevin Boden, gave the current water status report. The Lyons gage at 2:15 p.m. today was 71 cfs with an historical average of 65 cfs on this date. Ralph Price Reservoir at Button Rock Preserve was at 6,385.7 feet equaling 13,190 acre feet, down approximately 3,007 acre feet. There are no calls on the St. Vrain Creek or South Platte River.

Reservoirs in the St. Vrain system were 80 percent full on August 30th. There is currently 65 cfs being released from Ralph Price Reservoir.

4. PUBLIC INVITED TO BE HEARD AND SPECIAL PRESENTATIONS

There was no public in attendance.

5. AGENDA REVISIONS AND SUBMISSION OF DOCUMENTS

There were no agenda revisions submitted to Water Board. Staff member Ken Huson submitted three documents pertaining to clarification of the definition of “waters of the United States”.

6. DEVELOPMENT ACTIVITY

A. Development Activity Requiring Water Board Action

There were no development activities requiring Water Board action this month.

B. Development Activity Submitted for Water Board Information Only

Information on the North Star Annexation was previously reviewed by Water Board. An updated annexation map was submitted for review. No action was required by the Board.

7. GENERAL BUSINESS

A. Resolution Authorizing First Amendment to Option Contract on Dick Property

Staff member, Nelson Tipton informed Water Board that as part of City of Longmont’s Union Reservoir Land Acquisition Program, the City and Ronald and Tammy Dick (Seller) entered into an Option Contract to Buy and Sell Real Estate on May 6, 2002 which included an option to buy water rights including 0.4045 shares of the Rough and Ready Irrigating Ditch Company (“Rough & Ready”) and 0.4045 shares in the Pleasant Valley Reservoir Fish and Ditch Company (“Pleasant Valley”). The seller now desires to sell 0.25 shares of each of the above mentioned ditch companies to the City. Water Board discussed current market values, irrigation yields, historical use and water supply advantages to the City associated with this purchase option. The price for the shares is based on \$8500 per acre foot of water right, per the August 20, 2014 Dick Water Rights appraisal performed by McCarty Land & Water Valuation, Inc. The average irrigation yield was used for both water rights. Based on the City’s Rough & Ready average irrigation yield of 59.96 acre-feet per share, 0.25 shares equates to 14.99 acre-feet. Based on the City’s Pleasant Valley average irrigation yield of 37.16 acre-feet per share, 0.25 shares equates to 9.29 acre-feet. The purchase price for 0.25 shares of Rough & Ready shall be \$127,415.00 and the purchase price for 0.25 shares of Pleasant Valley shall be \$78,965.00, for a total purchase price of \$206,380.00.

Water Board member Williams made a motion to recommend City Council approve the resolution of the Longmont City Council authorizing the First

Amendment to the Option Contract to Buy and Sell Real Estate between City of Longmont and Ronald and Tammy Dick. Motion was seconded by Board member Swenson. Motion passed 5-0.

B. Cash in Lieu Review

Staff member, Ken Huson reviewed native basin water rights, construction costs for new water supply and C-BT allotment unit transfer costs. Water Board agreed that there were no significant reasons for them to make a change to the current cash in lieu price of \$10,800 per acre-foot.

8. ITEMS FROM STAFF

A. Flood Recovery Updates

Staff member Huson informed Water Board that a 1-year anniversary celebration of the 2013 Flood was held on September 13 near Harvest Junction and a high water line sign has been installed west of the Martin Street Bridge. Bids have been opened for the third phase of woody debris removal on the Button Rock shoreline and work is expected to begin in the next few weeks. An RFP has been sent out for the improved design of the St. Vrain Creek channel through Longmont to select a consulting engineer. The St. Vrain Creek Master Plan draft is available and public meetings have been scheduled to receive public input on the plan.

B. Windy Gap Firing Project Update

Staff member Huson shared the progress on the Northern Municipal Sub district carriage contract for the Windy Gap Firing Project. All of the large items have been agreed upon in principle and the contract has gone to Federal Offices in Washington D.C. for approval. The local office of the Bureau of Reclamation is currently drafting the Record of Decision (ROD). Ken was optimistic that these two documents could be completed before spring 2015 and we could begin looking at the design phase.

C. St. Vrain Creek Flood Recovery Master Planning Update

A public meeting for the St. Vrain Creek Master Plan will be held this evening, September 15 in order to let the Longmont public provide input on the Longmont channel through town.

D. Water Conservation Update

Staff member, Nelson Tipton updated Water Board on the 2013 water conservation programs including the toilet rebate program, slow the flow program, garden in a box program and water-wise landscape seminars. The City received

\$30,000 in grant funding from the Colorado Water Conservation Board in 2013 to help offset the cost of these programs. The same programs were kept active in 2014. In 2014, the Children's Water Festival partnered with the Boulder Valley Schools and the event was held at the CU campus. Programs have been well received and the City has met its goal of a ten percent water use reduction. Discussion was held on additional methods and incentives for water conservation.

9. ITEMS FROM BOARD

A. Review of Major Project Listing & Items Tentatively Scheduled for Future Board Meetings

Water Board's major project listing included in the packet was reviewed.

10. ITEMS FROM COUNCIL

Council member Levison serving on the National League of Cities Board asked Water Board to consider whether or not the City should take a position on the EPA's promulgation of rules and regulations to develop a definition of "Waters of the U.S." The comment period has been extended until October 20, 2014 and Water Board could have time to input. The National League of Cities opposes this action.

Ken distributed information pertinent to EPA's proposed definition of "Waters of the U.S." for Water Board's review.

11. INFORMATIONAL ITEMS AND WATER BOARD CORRESPONDENCE

Informational items were included in the Water Board packet.

12. ADJOURN

There being no further business to come before Water Board, Chairman Bruning asked for a motion for adjournment.

A motion for adjournment was made by Board member Caldwell; the motion was seconded by Board member Williams. Motion passed 5-0.

The meeting was adjourned by Chairman Bruning, at 4:10 p.m.

The next regular meeting of the Longmont Water Board will be held on October 20, 2014, at 3:00 p.m. at the Service Center, 1100 South Sherman Street, Longmont, CO 80501.

John Bruning, Water Board Chair

Date

Cindy Sater, Recording Secretary

Date

WATER BOARD COMMUNICATION



Meeting Date: **October 20, 2014**

Item Number: **6**

Type of Item: **Development Activity**

From: **Wes Lowrie, Water Resources Technician, (303) 651-8814**
 wes.lowrie@ci.longmont.co.us

As the Board will recall, City Council approved Ordinance O-2012-73 on October 23, 2012 which requires Water Board action during annexation review and when further raw water deficit satisfaction is required pursuant to a particular development activity. Listed below are two development activity categories; Development Activity Requiring Water Board Action and Development Activity Submitted for Water Board Information Only.

- 6a Development Activity Requiring Water Board Action
 - i) None

- 6b Development Activity Submitted for Water Board Information Only
 - i) None



WATER BOARD COMMUNICATION



Meeting Date: October 20, 2014

Item Number: 7a

Subject: 2014 Legislation Session

Type of Item: General Business

From: Nelson Tipton, Water Resources Analyst, 303-651-8365
Nelson.Tipton@ci.longmont.co.us
Ken Huson, Water Resources Administrator, 303-651-8340
Ken.Huson@ci.longmont.co.us

Suggested Action: Provide input regarding City of Longmont's 2015 Guiding Water Principles.

We are rapidly approaching the start of the 2015 Legislation Session. Staff would like to take this opportunity to discuss with Water Board, City of Longmont's 2015 Guiding Water Principles, see attached. Each year Sandi Seader, Assistant City Manager, presents to City Council, Longmont's overall Legislation Principles and Guiding Water Principles. City Council is tentatively scheduled to review Longmont's 2015 Guiding Water Principles in December 2014. As water related legislation is introduced, the guiding water principles allow City Council, Water Board and staff to evaluate how proposed bills might impact the citizens of Longmont.

FYI, the Water Resources Review Committee has recommended that the proposed water related bills listed below move forward to the 2015 Legislation Session. No action is required by Water Board at this time. Please let staff know at the meeting if you need any additional information.

Water Resources Review Committee Draft Bill Requests

Bill Designation	Bill Topic	Former Bill Designation
Bill A	Promote Water Conservation in Land Use Planning	Bill 2
Bill B	Promote Precipitation Harvesting Pilot Projects	Bill 3
Bill C	Repeal New Augmentation Standard Dawson Aquifer	Bill 4
Bill D	House Bill 12-1278 Recommendations	Bill 6
Bill E	Invasive Phreatophyte Management Grant	Bill 8
Bill F	Appellate Review of Ground Water Commission's Decisions	Bill 9

Attachments:

Longmont's 2015 Guiding Water Principles



City of Longmont Water Principles

2015 Legislative Year

- Support water policies that protect Colorado water resources.
- Support the constitutional doctrine of prior appropriation and the constitutional priority given to domestic water use.
- Support the inventorying and protection of Longmont's water rights.
- Support appropriate water conservation efforts by all users and effective long-term water resource management.
- Support appropriate coordination of municipal water use with agriculture, recreation and open space uses.
- Support federal; and state financial aid programs assisting municipalities with the construction and improvement of water systems to protect and enhance the quality of water supplies to the public and to comply with federal and state mandates.
- Support State Legislation that enhances stream flow in Colorado rivers for the purpose of protecting Colorado aquatic and riparian areas.
- Recognize the special needs of smaller municipalities and encourage the federal government and the state to provide special financial assistance to smaller municipalities for water systems based on financial and health needs.
- All Colorado water users must share in solving Colorado's water resource problems with the costs to meet the water needs of water users being paid solely by those benefiting from the project or effort.
- The State of Colorado should provide assistance, when requested, for local water supply planning and assist in the implementation of consensus-based water resource solutions that respect local authorities, private property and water rights. Proper water supply planning should be required in conjunction with land use planning efforts.
- During the process of planning to meet future needs, water suppliers and utilities should explore full development of existing local water sources, consideration of new water supplies, and demand management, including water conservation as a demand management strategy in planning for future water supply.

- Additional water storage should be pursued through the improvement and rehabilitation of existing structures and the development of new structures. These activities should be accomplished with local consensus.
- The right of water rights owners to market their water rights must be protected. Colorado must fully explore flexible, market-based approaches to water supply management, including interruptible water contracts, water banking, in-state water leasing and groundwater recharge management.
- Longmont's Raw Water Policy calls for the transfer, for municipal use, of all historical water from lands being annexed to the City. The transfer of agricultural water outside of a City's planning area should be encouraged to be completed through leases or interruptible water supply contracts in order to preserve agriculture. Water leases should not preclude, but be in addition to purchases, to meet the water supply needs of municipalities.
- In the event that agricultural water is transferred, the transaction must adequately address the need for maintaining the existing tax base, protecting the remaining water rights in the area, and maintaining the proper stewardship of the land including revegetation and weed control.
- The need to develop additional water supplies to serve Colorado's growing population should be weighed against the recreational and environmental benefits served by preservation of instream flows. Longmont holds that the term "balance" should not imply evenly split, but rather is reflective of the specific conditions existing relative to additional water development projects.
- Adverse economic, environmental, and social impacts of future water projects and water transfers must be minimized; unavoidable adverse impacts must be mitigated, including both the immediate and long-term impacts attributable to water transfers. Locally affected communities must have the opportunity to assist in defining appropriate mitigation for each project. The transfer of water from Northern Colorado to meet the water needs of the Denver metro area is a significant concern for Longmont.
- Future water supply solutions must benefit both the area of origin and the area of use.
- Water conservation measures that do not injure other water rights should be aggressively pursued.
- There must be an ongoing, concerted effort to educate all Coloradans on the importance of water, and the need to conserve, manage, and plan for the needs of this and future generations.

WATER BOARD COMMUNICATION



Meeting Date: October 20, 2014

Item Number: 7b

Subject: A resolution of the Longmont City Council requesting EPA further consult with water providers and other utilities prior to final rulemaking

Type of Item: General Business

From: Kevin Boden, (303) 774-9981, Environmental Project Specialist,
kevin.boden@ci.longmont.co.us

Suggested Action: Staff will ask Water Board to forward a recommendation to City Council requesting EPA further consult with water providers and other utilities prior to final rulemaking

At the September 15, 2014, Water Board meeting, staff presented the Board with information regarding the EPA and the Army Corps of Engineers proposed rule defining the scope of the waters protected under the Clean Water Act, "Water of the US". The comment period for the proposed rule has been extended and will end on November 14, 2014. Attached is a draft council communication requesting council approve a resolution requesting EPA to further consult with water providers and other utilities prior to final rulemaking.

Attachments:

Resolution

Draft Council Communication



1 RESOLUTION R-2014-

2 A RESOLUTION OF THE LONGMONT CITY COUNCIL TO PROVIDE INPUT INTO
3 UNITED STATES ENVIRONMENTAL PROTECTION AGENCY RULEMAKING
4 CONCERNING THE DEFINITION OF "WATERS OF THE UNITED STATES"
5

6 WHEREAS the U.S. Environmental Protection Agency (EPA) is seeking comment
7 regarding its proposed interpretation of "waters of the United States" as the phrase appears in the
8 Clean Water Act;

9 THE COUNCIL OF THE CITY OF LONGMONT, COLORADO, RESOLVES:

10 Section 1

11 The proposed interpretive rule could expand federal regulatory oversight over the City's
12 operations. The City requests that the EPA consult on an ongoing basis with water providers,
13 utilities, and national scientific and educational water agencies to ensure that its final
14 interpretation does not unduly impede the City's operations.

15 Section 2

16 The Council repeals all resolutions or parts of resolutions in conflict with this resolution,
17 but only to the extent of such inconsistency.

18
19 Passed and adopted this _____ day of _____, 2014.
20
21

22 _____
23 MAYOR
24

25 ATTEST:
26
27

28 _____
29 CITY CLERK
30

1 APPROVED AS TO FORM

2
3
4
5 _____
6 ASSISTANT CITY ATTORNEY

DATE

7
8
9 _____
10 PROOFREAD

DATE

11
12 APPROVED AS TO FORM AND SUBSTANCE:

13
14
15 _____
16 ORIGINATING DEPARTMENT

DATE

17
18
19 CA File: [TYPE MATTER NUMBER OF FILE NAME, THEN PRESS F11 TO PROCEED]

CITY COUNCIL COMMUNICATION



MEETING DATE: October 28, 2014

ITEM NUMBER: <ITEM_OUTLINE>

SECOND READING: N/A

TYPE OF ITEM: Consent

PRESENTED BY: Sandi Seader, Assistant City Manager (303) 651-8634

Ken Huson, Water Resources Administrator, (303) 651-8340

Kevin Boden, Environmental Project Specialist, (303) 774-4516

SUBJECT/AGENDA TITLE: Provide input into US EPA rulemaking process concerning Waters of the US.

EXECUTIVE SUMMARY:

On April 21, 2014, the Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (Corps) jointly published a proposed rule to revise the Clean Water Act definition of "Waters of the US". The EPA and Corps are seeking input on the proposed rule with a 180 day comment period which ends on November 14, 2014. The proposed rule is intended to clarify the definition of waters of the US for streams and wetlands.

The proposed rule could increase federal regulatory oversight regarding wetland determinations, which could cause increased regulatory burdens and cost to the City. Staff is recommending the City of Longmont approve a resolution requesting EPA to further consult with water providers, utilities and national scientific and educational water agencies such as the American Water Works Association prior to final rulemaking.

COUNCIL OPTIONS:

1. Approve resolution as presented.
2. Approve the resolution with changes.
3. Do not approve resolution.

RECOMMENDED OPTIONS: Staff recommends approving the resolution as presented.

FISCAL IMPACT & FUND SOURCE FOR RECOMMENDED ACTION: N/A

BACKGROUND AND ISSUE ANALYSIS:

In 1972, Congress passed the Clean Water Act in order to restore and maintain the chemical, physical, and biological integrity of our Nation's waters. Determining Clean Water Act protection for streams and rivers became increasingly complex following Supreme Court decisions in 2001 and in 2006. Since these Supreme Court decisions, Members of Congress, state and local officials, industry, agriculture, environmental groups, and the public have asked for a rulemaking to clarify and simplify the definition of "Waters of the US". On April 21, 2014, the Environmental Protection Agency (EPA) and the U.S. Army Corps of Engineers (Corps) jointly published a proposed rule to revise the Clean Water Act definition of "Waters of the US".



Under the Proposed rule, all tributary and adjacent waters would now be classified as “jurisdictional by rule”. In addition, the definition of tributary and the scope of what is adjacent would expand, and the significant nexus test would allow for a watershed scale determination of jurisdiction. Concern has arisen that as currently proposed, the definition of “Waters of the US” could impose additional regulatory burdens on local communities.

Staff has attached a summary of this proposed rule by EPA and a guidance document from the American Water Works Association (AWWA). We have also included sample comments by the National Water Resources Association (NWRA), in the form of testimony by Mr. Mark Pifher, Manager at Colorado Springs Utilities. Staff has included a copy of US House Bill 5078 which is in opposition of the proposed rule.

ATTACHMENTS:

Resolution

EPA Rulemaking Notice

EPA Fact Sheet

US House Bill 5078

Testimony of NWRA to US House of Representatives

AWWA Guidance Document

Ken Huson

Subject:

FW: CWC October Newsletter

From: Doug Kemper [mailto:info=cowatercongress.org@mail15.us4.mcsv.net] **On Behalf Of** Doug Kemper
Sent: Thursday, October 16, 2014 4:29 AM
To: Ken Huson
Subject: CWC October Newsletter

Colorado Water Congress E-News: Oct 2014 Issue

[View this email in your browser](#)



Colorado Water Congress

Waters of the U.S. Updates

Federal Agency Attacks WOTUS Rule

Previous CWC Newsletters have expressed concern regarding the EPA Waters of the US rulemaking that was announced last April. The Small Business Administration's Office of Advocacy (SBA) shares our apprehensions. The SBA is urging the EPA to withdraw the Waters of the U.S. rule that seeks to broaden the agency's authority to regulate smaller tributary waters like streams and rivers.

Our Federal Affairs Committee believes that the Waters of the US Rulemaking will become a litigated, "win/lose" situation without the involvement of state and local governments. This includes state and local agencies responsible for water quality regulations, agricultural interests, municipalities, special districts and environmental interests, and utility groups.

The new deadline for comments on the rule has been extended to November 14. The CWC Federal Affairs Committee is working to prepare a formal set of comments. We will post an outline of concerns in our next e-newsletter. All members are encouraged to submit their own comments and may use our outline as a template.

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Annual Convention



January 28-30, 2015

Hyatt Regency DTC

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Upcoming Events

Transbasin Diversion
Webinar Series

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USFS Groundwater Directive

CWC Federal Affairs Weighs-In

On May 6, 2014, the United States Forest Service (USFS) published notice of their draft Directive. The Directive states that its purpose is to set forth direction on managing groundwater resources associated with National Forest System lands and clarify roles, responsibilities, and procedures for addressing groundwater resource management.

The CWC Federal Affairs Committee believes that the Forest Service lacks the authority to implement the Directive and that it would impact, in an unprecedented way, users who either hold water rights or use National Forest water for water supply or resource development.

Comments were submitted to the USFS by CWC on October 3rd. To view these comments on the CWC website, visit [Viewpoints > Federal Water Activities](#).

[READ MORE](#)

Update from State Affairs

Gearing-up for 2015

At the October 10 State Affairs meeting, the committee took into consideration six interim draft bills. The titles of the draft bills and their full text is available [HERE](#), under the section "Proposed Legislation".

Lauren Ris of the Colorado Water Conservation Board provided the committee with an update on the future of revised SB14-023 (regarding agricultural water efficiency

9:00-10:00 a.m.
Nov. 12, Dec. 10, Jan. 14
Register [HERE](#)

CWC Book Club
5:30 p.m. Nov. 13
RSVP to [Fiona Smith](#)

Nov. 19 Workshops
[History of Colo. Water Law](#)
8:00 a.m. to noon
[Legal Ethics in Water and Environmental Law](#)
1:00-5:00 p.m.

Welcome New Members

- Brian Annes
- Zach Budhane
- Jimbo Buckner
- DU Water Law Review
- Eagle County
- Eagle Park Reservoir Company
- Joshua Harris
- Hydro Advisors, LLC
- Quantum Water Consulting
- Tommy Raye
- Roaring Fork Conservancy
- Beth Ross
- Jackie Brown
- Snowmass Water & Sanitation District
- Town of Gypsum

savings). The key differences between SB14-023 and the newly proposed version reside within the approval process and the concept of a pilot project. SB14-023 required water court approval to allow water to be used for agricultural efficiency savings. The new bill seeks this approval through the CWCB.

The water community can expect to see each of the six interim bills in January along with three bills involving historical use in change cases.

[READ MORE](#)

CWC Scholarship Program

Sponsor an Annual Convention Attendee

This year the Colorado Water Congress will provide opportunities for students and advancing professionals to attend the 2015 Annual Convention via scholarship. Applications will be accepted Nov. 1 through Dec. 1 and scholarships will be awarded on December 19.

These scholarships are made possible by generous conference sponsors. If you are interested in sponsoring an Annual Convention Attendee, please [CLICK HERE](#).

To view the scholarship application, [CLICK HERE](#).

[READ MORE](#) about the program.

Sponsors & Exhibitors

Prepare for the 2015 Annual Convention

Sponsor opportunities and exhibit spaces are now

WATER BOARD COMMUNICATION



Meeting Date: **October 20, 2014**

Item Number: **8a**

Subject: **Windy Gap Firing Project Status Update**

Type of Item: **Items from Staff**

From: **Ken Huson (303) 651-8340 (ken.huson@ci.longmont.co.us)**
 Wes Lowrie (303) 651-8814 (wes.lowrie@ci.longmont.co.us)

Suggested Action: **N/A – Informational Only For Staff Update**

Current Project Activities

Permitting and Environmental Activities with the US Bureau of Reclamation:

The US Bureau of Reclamation (USBR) released for public notice a draft amended carriage contract between the USBR and the Municipal Sub-district. This was noticed in a number of area papers and will have a 30 day comment period. At the conclusion of that comment period USBR will review the comments and issue a final decision on the project. It is anticipated that USBR will issue a decision to enter into the amended carriage contract and allow for construction of the Windy Gap Firing Project facilities on the C-BT system facilities. That decision will be documented with a formal Record of Decision (ROD). A copy of the proposed amended carriage contract is attached.

Negotiation with West Slope entities on a non-opposition agreement:

These negotiations have been continuing throughout the entire permitting process. Currently most major items have been negotiated and all participants have signed except for the Colorado River Water Conservation District. Completion and signature of this agreement by the CRWCD still pending approval by the CRWCD of an acceptable ROD and other concessions from USBR.

US Army Corp of Engineers 404 permit (and related 401 water quality certification):

A formal application for a Clean Water Act section 404 permit has been submitted, but is pending resolution of the permit decisions and ROD. At that time the Corp will hopefully pursue action on this permit.



Mitigation and Enhancement Measures:

Some current mitigation and enhancement measures are currently underway and others are pending the proposed ROD, start of construction or finalization of construction of the project. These measures include not only a full mitigation package for all impacts reasonably identifiable as a result of the Windy Gap Firing Project, but also include a considerable package of enhancement mitigation efforts negotiated as part of the environmental and permitting process.

*Enclosures:**USBR Public Notice**Draft Amended Carriage Contract.*

WATER BOARD COMMUNICATION



Item Number: 9a

Subject: Review of Major Projects Listing and Items Tentatively Scheduled
for Future Board Meetings

Type of Item: Informational

From: Water Board

Suggested Action: N/A

Attached is a copy of the most recent Water Board project status report. Please note the report now includes expected future review date information for each item.



WATER BOARD PROJECT STATUS REPORT

	<u>ITEM</u>	<u>MOST RECENT WATER BOARD REVIEW DATE</u>	<u>PROJECTED NEXT WATER BOARD REVIEW DATE</u>	<u>MOST RECENT ACTION TAKEN AND/OR PROPOSED FUTURE ACTION</u>
1	Union Reservoir Enlargement Land Acquisition Program	December 20, 2010	As Needed	Acquisition of Bogott property December 2010.
2	Water Supply and Drought Management Plan	April 21, 2014	April 20, 2015	2013 Plan approved by City Council on May 7, 2013. Recommended Sustainable Conservation Level be followed.
3	Windy Gap Firing Project	October 20, 2014	November 17, 2014	Final EIS Release November 30, 2011, Grand County 1041 Permit issued on December 4, 2012.
4	Water Legislation & Guiding Water Principles	October 20, 2014	November 17, 2014	Review of current 2014 legislation issues presented and discussed.
5	Cash-In-Lieu Review	September 15, 2014	December 15, 2014	Currently at \$10,8000 per Acre-Foot. Resolution R-2014-51.
6	Button Rock Preserve & Forest Stewardship	March 17, 2014	January 26, 2015	2014 Annual update was presented to Water Board on March 17, 2014.

Tentative Future Event Schedule	
Event	Date
South Platte Forum	October 22-23, 2014

Water Board Member Terms

John Caldwell - 2015
 John Bruning - 2016
 Todd Williams - 2017
 David Swenson - 2018
 Renee Davis - 2019

Updated: September 10, 2014

WATER BOARD COMMUNICATION



Meeting Date: September 18, 2014

Item Number: 10

Type of Item: Informational Items & Water Board Correspondence

Attached are information items and Water Board correspondence.



Cindy Sater

From: Cindy Sater
Sent: Tuesday, September 30, 2014 2:36 PM
Cc: Wes Lowrie
Subject: FW: Information and Link to Survey

Water Board members,

You have been invited to participate in the 2013 Colorado Flood Survey below.

From: Michelle Gomez
Sent: Tuesday, September 23, 2014 10:05 AM
To: Cindy Sater; Karen Chandler; Kathy Fedler; Karen Roney; Michael Reis (Michael@longmontha.com); Jane Madrid; Joni Marsh; Linda Meade; Ed Kotlinski; Cal Youngberg; Wes Lowrie; Sally Raney; Jeff Friesner; Jennifer Wojniak
Subject: Information and Link to Survey

Again, please encourage your board members to fill out this survey. Thank you!

You are invited to participate in the 2013 Colorado Flood Survey! The purpose of this survey is to gather information from stakeholders across the recently flooded regions of Colorado. Your opinions on flood management and policies in your city are of critical importance to this study. Even if your city has not directly experienced flooding, your views are extremely important to us.

This survey will take approximately 15 minutes to complete. Participation in the survey is entirely voluntary. While you should feel free to skip questions you prefer not to answer, we hope that you will complete the entire survey.

While some of the information collected in the survey could be used to indirectly identify individuals, we will only use data in the aggregate and will never attempt to identify individuals who participate in the survey. Because your answers will never be connected to your name or email, you will receive two reminder emails after this. If you would like your name removed from that list, please feel free to email the researchers directly.

Please click on the link below (or copy and paste it into your browser) to read more about the survey and to begin the survey. Thank you for taking the time to share your opinions.

Follow this link to the Survey:
[Take the Survey](#)

Or copy and paste the URL below into your internet browser:
https://duke.qualtrics.com/SE/?SID=SV_3WqpCxcHBSlaFh3

Michelle Gomez
City Clerk's Office

Cindy Sater

From: Ken Huson
Sent: Friday, October 03, 2014 3:33 PM
To: Cindy Sater; Dave Swenson; John Bruning; John Caldwell; Ken Huson; Kevin Boden; Nelson Tipton; Renee Davis (DavisAdept@gmail.com); Todd Williams; Wes Lowrie
Subject: Berthoud Water Policy Discussion

Board members,

Thought you may be interested in our adjacent community's thoughts on their water policy. See you at the October meeting.

Thanks, Ken

<http://www.berthoudsurveyor.com/trustees-approve-new-water-policy/>

Cindy Sater

From: Ken Huson
Sent: Friday, October 10, 2014 2:45 PM
To: Cindy Sater; Dave Swenson; John Bruning; John Caldwell; Ken Huson; Kevin Boden; Nelson Tipton; Renee Davis (DavisAdept@gmail.com); Todd Williams; Wes Lowrie
Subject: Windy Gap Firing Project

Board members,

The US Bureau of Reclamation has published a legal notice in the Times-Call (and other papers) noticing the intent of the Bureau to enter into an amended Windy Gap Carriage Contract. Staff will include a copy of that proposed carriage contract in this month's packet and plan on an update of the current status of this project. Below is a listing of the papers and dates of notice.

Thanks, Ken

The Public Notice is being published in the Middle Park Times (10/9 & 10/19); Glenwood Springs Post Independent; Loveland Reporter Herald; Longmont Daily Times-Call; Boulder Daily Camera; Fort Collins Coloradoan; Greeley Tribune; Summit Daily News; Summit County Journal (10/8-10 & 10/17-19)



Treatment Operations

MONTHLY NEWSLETTER

Wastewater Treatment and Instrumentation & Controls

New Headworks Facility Startup



Along with the new WWTP Headworks Facility construction reaching an end, came the facility startup. Being the front door to the WWTP, with every gallon of wastewater collected from Longmont passing through, it was critical that the transition from old to new was planned and executed well. This was no easy feat with numerous piping tie-ins, training, single day tests, multi-day tests, EQ storage offline, sampling logistics, and other typical startup challenges.

While there is still much to do the facility has been operating 24/7 since September 8th. I want to extend my thanks to our operations staff for continuing to operate the WWTP while going to 24/7 shift coverage and operating and training on the new Headworks Facility. And to our maintenance staff for participating in training as well as the cleanup and shutdown of the old Headworks. Special thanks to Senior Civil Engineer, Joe Michalski, for managing this project start to finish; WWTP Supervisor Karl Heil for making the startup his focus; Nick Ehrlich and Mike Chacon in I&C for their efforts in plan review

through to startup troubleshooting, along with our SCADA integrator Wunderlich-Malec, represented by Rob Reitz. Currently we plan to keep 24/7 shift coverage in place for two more weeks.

Startup Milestones

- Began the 30-day test (flowing sewage through the new facility during the day; old facility at night) on August 4th.
- Connected Primary Clarifier 3 to the new system on August 22nd after the new Headwork's systems were running well.
- Tested influent flow measurement, gas sensors, step screens, grit system, generator power, influent pump station controls and flow control valve to primary clarifier during the 30-day test.
- Connected Primary Clarifier 1 to the new splitter structure on September 5th.
- Started the 5-day acceptance test on September 8th which ran the new Headworks 24 hours a day.

Issues/Challenges

- Optimal differential setpoint for step screen operation.
- Fine tune Influent Pump Station operation.
- Critical I&C equipment needed to be on UPS power.
- Hydraulic issues caused by air in the pipes.
- Influent Pump Station VFDs did not restart after a power loss.
- Screen handling unit operational changes for drier product.



Major Construction Items Remaining

- Tie-in plant drains.
- Remove EQ Tank from old Headworks.
- Tie-in EQ Tank overflow to new splitter structure.
- Tie-in Primary Clarifier 2 influent line to new splitter structure.
- Demolish existing 48" influent pipe to old Headworks.
- Tie-in UV system pumped drain to new Headworks.
- Run future water reuse line along north side of plant.
- Tie-in the new water lines and demolish the old water lines.
- Tie-in the primary influent bypass line to the aeration basins.

Contributed by Jim Kaufman

Water Treatment

Wade Gaddis Standby Operation

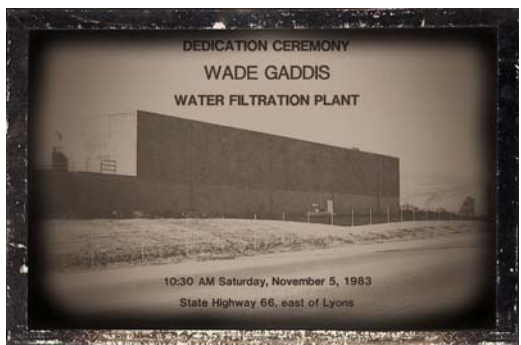
As a public utility, one of our many responsibilities to our customers is efficient use of our infrastructure. Wade Gaddis WTP(WG) had been used historically as a summer water demand peaking plant, since being constructed in 1983, and had been put into operation each summer until 2011. 2014 marks the fourth year in a row that it has been put in a ready state but has not operated as a peaking plant due to good planning and water demands being met by our primary production facility, the Nelson-Flanders WTP(NF).

At the direction of Bob Allen, Operations Manager, a plan was drafted in 2011 to maintain WG in a ready state, with a trigger system developed to identify when it would be put into operation. Procedures were developed for spring preparation and reoccurring summer maintenance for WG, to ensure it would be ready to operate when needed. The plan has been reviewed and revised each year.

As a side note, although WG has not operated as a peaking plant for four years, it did operate for six weeks in fall 2011, as the City's sole water producing facility, while NF was undergoing a raw water line investigation.

The benefits of not operating WG are vast. WG requires filtered water to be pumped into the distribution system demanding heavy electrical use; NF is designed for gravity flow throughout the plant. WG does not have emergency genera-

tor power in case of power failure; N-F was designed with a 750KW backup generator that powers the entire treatment facility. We relied on this critical generator during the September 2013 flooding. When WG does operate it requires 24/7 shift coverage, doubling our base coverage needed when operating just NF. The ability to focus our attention at NF while not operating WG has allowed continued improvement of process and reliability. .



Contributed by Scott Kapala

Maintenance

Aerosol Can Recycling

Aerosol cans are considered hazardous waste while still under pressure. Although proper disposal can present a challenge, the portability of aerosol cans and their mode of material delivery are invaluable to an industrial maintenance team.

Treatment Operations maintenance has historically maintained a large inventory of materials in aerosol form, from solvents and lubricants, to spray paint and wasp and bee spray. In an effort to simplify and improve our entire maintenance materials stocking program, we have reviewed all our products and reduced both the variety and bulk purchasing of our industrial products significantly.

To accommodate efficient equipment care and proper aerosol can disposal, the maintenance crews uses an EPA approved "Aerosol Can Deflator System". This

system safely punctures aerosol cans, thus depressurizing them, and captures any remaining material in a lined, 55 gallon steel drum containing granular clay absorbent. The absorbent material is then disposed of annually by a solid waste contractor following State regulations. The punctured, empty cans are then able to be disposed of in the City's commingled recycling to be captured as scrap steel. The aerosol can recycling system has a 4,000 can capacity and features an activated carbon cartridge to filter exhaust from the deflation process.

According to the manufacturer, the system pays for itself after processing 130 cans versus the cost of disposing of them as hazardous waste.

The system is housed in the materials storage room of the Wastewater Treatment Plant Maintenance Shop and all aerosol cans used by Treatment Operations are collected and disposed of there.



Contributed by Mike Balduzzi